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TRANSMITTAL
FORM

Application Serial Number	10/534,130
Filing Date	December 30, 2005
First Named Inventor	Ian Hector FRAZER
Group Art Unit	1645
Examiner Name	To Be Assigned
Attorney Docket No.	23558-008US
Patent No.	Not applicable
Issue Date	Not applicable

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	A CONTRACTOR	First Named Inventor		Ian Hector FRAZER				
TRANSMITTAL			Group Art Unit Examiner Name			To Be Assigned		
		Patent No.			Not a	applicable		
			Issue Date		Not a	pplicable		
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☐ Fe	e Transmittal Form			e to File Missing	Õ	Request for Certificate of		
_	_			cation (PTO-1553)		Correction		
	☐ Check Attached☐ Copy of Fee		Formal Drawin	ng(s)		Certificate of Correction (in duplicate)		
	Transmittal Form			3(-)				
	Amendment/Response		Request For C	ontinued		Notice of Appeal to Board of Patent Appeals and Interferences		
			Examination (_			
	☐ Preliminary ☐ After Final		Transmittal			Appeal Brief (in triplicate)		
	Affidavits/declaration(s)		Power of Attor			Status Inquiry		
	Letter to Official Draftsperson	(Revocation		Prior Powers)		Return Receipt Postcard		
	including Drawings [Total Sheets]				Certificate of Facsimile			
	[Total Silects]	Terminal Disclaimer		laillici	Ш	Transmission under 37 C.F.R. 1.8		
Petition for Extension of		_		aration and Power		Additional Englaceme(a)		
	Time (1/2/3 months)	of Attorney for Patent Applica				Additional Enclosure(s) (please identify below)		
\boxtimes	Information Disclosure		Small Entity S	tatement				
	Statement		Sman Entity 5	tatement				
	Form PTO/SA/08A Copies of IDS		CD(e) for large	e table or computer				
-	Citations	CD(s) for large table or computer program						
П	Certified Copy of Priority	Amendment After Allowance						
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	Sequence Listing submission							
	Paper Copy/CD							
	☐ Computer Readable Copy☐ Statement verifying							
	identity of above							
CORR	ESPONDENCE ADDRESS			SIGNATURE BLO	OCK			
Direct a	•	ADMINIS				Respectfully submitted,		
		r Rose LLP nsylvania Ave., N.W.		Date: February 5, 20	07	J. COLLEY		
Suite 400				Reg. No.: 40,244		Paul M. Booth		
		on, D.C. 20 (202) 416-6		Tel. No.: (202) 416- Fax No.: (202) 416-		Attorney for the Applicant(s) Proskauer Rose LLP		
	Fax No.: ((202) 416-6899		, ,		1001 Pennsylvania Ave., N.W.		
	CUSTON	IER NO: 6	1263			Suite 400 Washington, D.C. 20004		
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Attorney Docket No.: 23558-008US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Ian Hector FRAZER, et al.

Confirmation No.: 8451

Appl. No.:

10/534,130

Examiner: To Be Assigned

Filing Date: December 30, 2005

Art Unit: 1645

Title:

METHOD FOR OPTIMIZING GENE EXPRESSING USING

SYNONYMOUS CODON OPTIMIZATION

INFORMATION DISCLOSURE STATEMENT **UNDER 37 CFR §1.56 and 37 CFR §1.97**

Commissioner for Patents Customer Service Window, Mail Stop Amendment Randolph Building 401 Dulany Street Alexandria, VA 22314

Sir:

Listed on the attached Form PTO/SB/08A are documents known to applicants in order to comply with applicants' duty of disclosure pursuant to 37 CFR §1.56. Enclosed for the Examiner's convenience is a copy of the listed foreign document, and the Supplementary European Search Report. These materials are being submitted to comply with the provisions of 37 CFR §1.97-§1.98.

The citation of any document herewith, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

U.S. Serial No.: 10/534,130 Attorney Docket No.: 23558-008

CONCLUSION

Applicants respectfully request that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with M.P.E.P. §609.

By

Respectfully submitted,

Date: February 5, 2007

PROSKAUER ROSE LLP 1001 Pennsylvania Avenue, N.W. Suite 400 Washington, DC 20004 Telephone: (202) 416-6800

Telephone: (202) 416-6800 Facsimile: (202) 416-6899

CUSTOMER NO: 61263

Paul M. Booth Attorney for Applicant Registration No. 40,244

Customer No. 61263

PTO/SB/08A (07-05)
Approved for use through 07/31/2006. OMB 0651-0031

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PADE DESCRIPTION 1449/PTO

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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Cor	mplete if Known	
Application Number	10/534,130	
Filing Date	December 30, 2005	
First Named Inventor	Ian Hector FRAZER	
Art Unit	1645	
Examiner Name	To Be Assigned	
Attorney Docket Number	23558-008US	

		-		DOCUMENTS			
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	 	Number-Kind Code ^{2 (if known)}					
		^{US-} 5,689,052	11-18-1997	BROWN, ET AL.			
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		FOREIG	N PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			T ⁶
		WO 01/66739	09-13-2001	SNORRI, ET AL.		
		WO 98/12207	03-26-1998	SEED, ET AL.		
		WO 97/11086	03-27-1997	SEED, ET AL.		
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Examiner			Date		Ì	
Signature			Cons	idered		
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.